

In the Drawings:

Please amend the original Fig. 2 of the drawings in the above-identified application as indicated in red on the attached replacement page.

In the Claims:

Please add the new claims 8-14 as follows:

8. An optical switch for switching optical signals from a plurality of input circuits to one of a plurality of output circuits, comprising;

an optical switching unit;

input ports connected to said optical switching unit for inputting the optical signals to said optical switching unit;

output ports connected to said optical switching unit for outputting the optical signals from said optical switching unit;

optical amplifiers connected to said input ports for amplifying the optical signals received by the input circuits;

monitor circuits located at said output ports for monitoring the optical signals outputted to the output circuits;

a monitor selector connected to said monitor circuits for selecting one of said monitor circuits, the selected monitor circuit being operationally connected to one of said output ports for generating a feedback signal; and

an amplification control connected to said monitor selector and said optical amplifiers for selecting one of said optical amplifiers based on a predetermined configuration of the optical switch, wherein said selected optical amplifier amplifies the optical signals based on the feedback signal.

9. An optical switch for switching optical signals from a plurality of input circuits to one of a plurality of output circuits, comprising;

an optical switching unit;
input ports connected to said optical switching unit for inputting the optical signals to said optical switching unit;
output ports connected to said optical switching unit for outputting the optical signals from said optical switching unit;
input signal adjusting units connected to said input ports for adjusting state of the optical signals received by the input circuits;
monitor circuits located at said output ports for monitoring the optical signals outputted to the output circuits;
a monitor selector connected to said monitor circuits for selecting one of said monitor circuits, the selected monitor circuit being operationally connected to one of said output ports for generating a feedback signal; and
a control connected to said monitor selector and said input signal adjusting units for selecting one of said input signal adjusting units based on a predetermined configuration of the optical switch, wherein said selected input signal adjusting unit adjusts the optical signals based on the feedback signal.

10. The optical switch as claimed in claim 9, wherein said output signal monitoring units monitor an amplitude of the optical signals outputted from the optical switching unit to generate the feedback signals.

11. The optical switch as claimed in claim 9, wherein said output signal monitoring units monitor a differential loss among different channels outputted from the optical switching unit to generate the feedback signals.

12. An optical switch for switching optical signals from a plurality of input circuits to one of a plurality of output circuits, comprising;
an optical switching unit having an output port and an input port;
input signal adjusting units connected to said input ports for adjusting state of the optical signals received by the input circuits; and